

Figure 1

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4A6 DTVLTQSPA. LAVPPGERVT VSCRASESVS **TFLHWYQQKP** GHQP  
 C108G AVHMTQSPSS LSASVGDSVT ITCRASQTIN **IYLMWYQQKP** GKAP

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4A6 KLLIY**LASKL** **ESGV**PARFSG GSGTDFTLT IDPVEADDTA TYYC**QQTWND**  
 C108G KLLIF**DASIL** **QSGV**PSRFSG SSGTDFTLT IRSLQPEDFA TYYC**QCGWGT**H

4A6 **PRTFGGGT** KLELKR  
 C108G **PYNFGQGT** KLEIKR

4A6 DTVLTQSPA. LAVPPGERVT VSCRASESVS TFLHWYQQKP GHQP  
 C108G AVHMTQSPSS LSASVGDSVT ITCRASQTIN IYLMWYQQKP GKAP  
 4A6 KLLIYLASKL ESGVPARFSG GSGTDFTLT IDPVEADDTA TYYCQQTWND  
 C108G KLLIFDASIL QSGVPSRFSG SSGTDFTLT IRSLQPEDFA TYYCQCGWGT  
 4A6 PRTFGGGT KLELKR  
 C108G PYNFGQGT KLEIKR

Figure 2

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4A6 EVQLQQSGPE VGRPGSSVKI SCKASGYTFT **DYVLMWVK** QSPGQGLEWI  
C108G EVQLVESGGG VVQPGGSLRL SCAASGFTFD **DFAMHWVR** QAPGKGLEWI

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4A6 **GWIDPDYG TTDYAEKFKK** KATLTADTSS STAYIQLSSL TSEDATYFC  
C108G **SLVSWDSY NIYHADSVKG** RFTISRDNRS NSLYLQMNDL RPEDTAIYFC

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4A6 AR**SRNYGG**.. .....**YI NYWGQGVMTVS**  
C108G AK**ADTGGDFD YVSDSWRCAL DYWGQGT**LVTVS

EVQLQQSGPE VGRPGSSVKI SCKASGYTFT DYVLMWVK QSPGQGLEWI  
EVQLVESGGG VVQPGGSLRL SCAASGFTFD DFAMHWVR QAPGKGLEWI  
GWIDPDYG TTDYAEKFKK KATLTADTSS STAYIQLSSL TSEDATYFC  
SLVSWDSY NIYHADSVKG RFTISRDNRS NSLYLQMNDL RPEDTAIYFC  
ARSRNYGG.....YI NYWGQGVMTVS  
AKADTGGDFD YVSDSWRCAL DYWGQGT

Figure 3

	1		<b>CDR1</b>	
VLB9		DIQMTQTTSS LSASLGDRVT ITC	<b>RSSQ.....DISNFLN</b>	WYQQKPDGTV
Cmp46-3		DIQMTQSPSS LSASVGDRVT ITC	<b>RASQ.....GISNYLA</b>	WYQQKPGKAP
	45		<b>CDR2</b>	
VLB9		KLLIYY <b>YTSTL</b> HSGVPSRFSG	SGSGTDYSLT ISNLEQEDIA	TYFC <b>QQGNTL</b>
Cmp46-3		KLLIYY <b>YASRL</b> ESGVPSRFSG	SGSGTDYTLT ISSLPEDFA	TYYC <b>QQYNSN</b>
	95			
VLB9		<b>P..WTFGGGT</b> NLEIKR		
Cmp46-1		FGGGT KVEIKR		

	1	11	21	<i>CDR1</i>	39	48
			* *		*	*
VHB9	QVQLQQSGAE	LMKPGASVKI	SCKATGYTFS	<b>SYWIE</b> ..WVK	QRPGHGLEWI	
AMP41CL18	QVQLVQSGAE	VKKPGSSVKV	SCKVSGGTFS	<b>TYGFS</b> ..WVR	QAPQGQGLEWM	
	49	<i>CDR2</i>	66	76	83	92
			** *			
VHB9	<b>GEILP</b> .. <b>RSG</b>	<b>NTNYNEKFKG</b>	KATFTAETSS	NTAYMQLSSL	TPEDSAVYYC	
AMP41CL18	<b>GMIIP</b> .. <b>IVG</b>	<b>TVKYAQRFAQG</b>	RVSINADTST	NIAYMELTSL	RSEDTAVYYC	
	93	<i>CDR3</i>	104			
	**					
VHB9	<b>SSRGVRGSM</b> ..... <b>DYW</b>	GQGTSVTVSS				
AMP41CL18	<b>ATDLTVTTNDAF</b> ..... <b>DI</b>					
AMP41CL10		W	GQGT	LVT	TVSS	

Figure 5

	1		<b>CDR1</b>	
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VL3G9		DIVMTQSQKF	MSTSVGDRVS	VTCKASQ.....NVGTNVA WYQQKPGQSP
VK46-14		DIQMTQSPSS	LSASVGDRVT	ITCRASQ.....SISNYLS WYQQKPGKAP
	45		<b>CDR2</b>	<b>CDR3</b> 94
		*		
			*	
VL3G9		KALIY <b>SAS</b> YR	YSGVPDRFTG	SGSGTDFTLT ISNVQSEDLA EYFC <b>QQY</b> NSY
VK46-14		KLLIY <b>YAS</b> TL	QSGVPSRFSG	SGSGTDFTLT ISSLPEDFA TYYC <b>QH</b> GYGT
	95			
VL3G9		<b>P</b> ..LTFGAGT	KLELK	
VK46-14		<b>H</b> ..PTFGGGT	KVEIK	

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Figure 6

	1	11	21		<b>CDR1</b>	39	48
				* * *		*	*
VH3G9	QVQLQQPGAE	LVKSGASVKL	SCKASGSTFT	<b>SYWMH</b>	..WVK	QRPGRGLEWI	
Chimp41-18	QVQLVQSGAE	VKKPGSSVKV	SCKVSGGTFS	<b>TYGFS</b>	..WVR	QAPGQGLEWM	
	49	<b>CDR2</b>	66		76	83	92
			*****	* *			
VH3G9	<b>GRIDP</b>	..NSG	<b>GTKDNEKFKS</b>	KATLTVDKPS	STAYMQLSSL	TSEDSAVYYC	
Chimp41-18	<b>GMIIP</b>	..IVG	<b>TVKYAQRFGQ</b>	RVSINADTST	NIAYMELTSL	RSEDVAVYYC	
	93	<b>CDR3</b>	104				
		*					
VH3G9	<b>ARETYDSS</b>	.....	<b>FAYW</b>	GQGT	LVTVS		
Chimp41-18	<b>ATDLTVTTN</b>	.....	<b>DAFDIW</b>	GQGT	MVTVS		